Index of Claims

Application/Control No.

10/015,559 Examiner

Shengjun Wang

Applicant(s)/Patent under Reexamination

KRAMER ET AL.

Art Unit

1617

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | Claim Date |  |          |                   |          |          | Claim Date |              |          |          |          |             |          | 1              | CI       | aim      |          | Date      |        |        |  |          |  |          |          |  |          |          |          |                |                 |           |   |
|-------------|------------|--|----------|-------------------|----------|----------|------------|--------------|----------|----------|----------|-------------|----------|----------------|----------|----------|----------|-----------|--------|--------|--|----------|--|----------|----------|--|----------|----------|----------|----------------|-----------------|-----------|---|
|             | _          | 73305  |          |                   |          |          |            |              |          |          |          |             |          |                |          |          | Т        | T         |        | T      | Т  |          |  |          |          |  |          |          |          |                |                 | П         |   |
| Final       | Original   | из   |          |                   |          |          |            |              |          |          |          | Final       | Original |                |          |          |          | 1         |        |        | 1  |          | Final  | Original |          |  |          |          |          |                |                 |           |   |
| iĒ          | Ē          | 50   | r I      |                   |          |          |            |              |          |          |          | 這           | Ē        |                |          |          |          |           |        |        |  |          | 证  | 'n       |          |  |          |          |          |                |                 |           |   |
| ,           | 0          | رىا  |          |                   |          |          |            |              |          |          |          |             | 0        |                | - 1      |          | -        |           |        |        |  |          |  | O        |          |  | - 1      |          |          |                |                 |           |   |
|             | 1          | Г  |          |                   |          |          |            |              | Т        | T        |          |             | 51       | П              | ヿ        | $\neg$   | $\top$   | $\top$    |        | 1      | 1  | 1        |  | 101      |          |  |          |          |          |                | П               | ヿ         |   |
|             | 2          |  |          | $\neg$            |          |          |            |              | Т        | T        |          |             | 52       | П              | 寸        | 7        | 十        | T         | ╅      | T      | 1  | 1        |  | 102      |          | $\sqcap$   |          |          |          |                | T               | $\exists$ |   |
|             | 3          | 1/   |          |                   |          |          |            |              |          | İ        |          |             | 53       | П              | 寸        | 7        | T        | 1         | T      | t      | 1  | 1        |  | 103      |          |  |          |          |          |                | Ħ               | ヿ         |   |
|             | 4          | 1  |          | $\Box$            |          |          |            |              | $\vdash$ | T        |          |             | 54       | П              | 寸        | $\neg$   | T        | $\top$    | ╅      | $\top$ | <del>                                     </del> | 1        |  | 104      |          | $\Box$   | $\neg$   |          |          |                | T               | ヿ         |   |
|             | 5          | 1  |          | $\neg$            |          |          |            |              |          |          |          |             | 55       | Ħ              | 寸        |          | T        | T         | 1      | T      | $\top$   |          |  | 105      |          |  |          |          |          |                | $\Box$          | コ         |   |
|             | 6          |  |          | $\neg$            |          |          |            |              |          |          |          |             | 56       | П              | 寸        |          | T        |           | ╅      | 7      | $\top$   | 1        |  | 106      |          | $\neg$   |          |          |          |                |                 | コ         |   |
|             | 7          | T  |          | $\Box$            |          |          |            |              |          | Ī        |          |             | 57       |                | 寸        | $\neg$   | T        | T         |        | T      | 1  | 1        |  | 107      |          | $\Box$   |          |          |          |                | $\Box$          | ヿ         |   |
|             | 8          | π  |          |                   |          |          |            |              |          | T        |          |             | 58       | $\Box$         |          | $\neg$   | ┪        | $\top$    | $\top$ |        | $\top$   | 1        |  | 108      |          |  |          |          |          |                | П               | コ         |   |
|             |            | ♥  |          |                   |          |          | П          |              | $\vdash$ | T        |          |             | 59       |                | ヿ        |          | $\top$   | ┪         | $\top$ | 1      | 1  | 1        |  | 109      |          | $\Box$   | コ        |          |          |                | $\Box$          | コ         |   |
|             | 10         |  | 7        |                   |          |          |            |              |          | T        |          |             | 60       |                | ヿ        | $\neg$   | $\top$   | $\top$    | $\top$ |        | 1  | 1        |  | 110      |          |  |          |          |          |                | $\Box$          | $\neg$    |   |
|             | 11         | マ  |          |                   |          |          |            |              |          | t        |          |             | 61       | $\Box$         | T        | 寸        | $\top$   | $\top$    | $\top$ | 1      | 1  |          |  | 111      |          |  | $\neg$   |          | _        |                | $\Box$          | $\neg$    |   |
|             | 12         | Ė  | П        |                   | П        | П        | П          | П            | Т        | T        | 1        |             | 62       | П              | 寸        |          | $\top$   | $\top$    | $\top$ | +      | 1  | 1        |  | 112      |          | $\Box$   | $\dashv$ | T        | $\Box$   | П              | $\dashv$        | $\dashv$  | _ |
|             | 13         |  | П        |                   |          |          | П          |              | Ε.       | t        | <b>I</b> |             | 63       | П              | 寸        | $\dashv$ | T        | $\top$    | ╅      | T      | 1  |          |  | 113      | Т        | $\Box$   | $\dashv$ |          |          |                | $\dashv$        | コ         |   |
|             | 14         | Г  | П        | $\Box$            |          |          | П          | П            |          |          |          |             | 64       | $\Box$         | 寸        | $\dashv$ | $\top$   | 十         | $\top$ | T      | 1  |          |  | 114      |          |  |          |          | $\Box$   |                | $\sqcap$        | 寸         |   |
|             | 15         | П  | М        |                   |          |          |            |              | $\vdash$ |          | <b></b>  |             | 65       | $\Box$         | _        | +        | 十        | _         | +      | +      | $\top$   |          |  | 115      |          |  | _        |          |          |                | $\sqcap$        | $\dashv$  |   |
|             | 16         |  | П        |                   | $\Box$   |          | М          | П            | Г        | T        | 1        |             | 66       | $\Box$         | 7        | $\dashv$ | $\top$   | _         | $\top$ | 1      | 1  | 1        |  | 116      | П        | $\vdash$   | $\dashv$ |          | $\Box$   |                |                 | コ         |   |
|             | 17         |  | Н        | $\dashv$          | $\Box$   | Ħ        | П          | П            | Т        | 1        |          |             | 67       | П              | ┪        | $\top$   | 十        | $\top$    | $\top$ | $\top$ | $\top$   | 1        |  | 117      | $\Box$   |  |          | T        | $\vdash$ |                | $\sqcap$        | 一         |   |
|             | 18         |  |          |                   |          |          |            |              | _        |          |          |             | 68       | П              | ┪        | $\neg$   | $\top$   | _         | $\top$ | +      | 1  |          |  | 118      |          |  |          |          |          |                | $\Box$          | $\neg$    | _ |
| <u> </u>    | 19         | _  |          | $\neg$            |          |          |            | П            | ┪        | $\vdash$ |          |             | 69       | H              | T        | _        | 十        | $\top$    | ╅      | +      | +  | liii     |  | 119      | H        |  | _        |          |          | -              | $\Box$          | $\neg$    |   |
|             | 20         |  |          |                   | _        |          |            |              | $\vdash$ | H        |          |             | 70       | 1              | 寸        | 十        | ╅        | +         | +      | +      | +  |          |  | 120      |          | $\dashv$   | 一        |          |          |                | $\dashv$        | 一         |   |
|             | 21         |  | $\vdash$ | $\neg$            |          |          |            | П            | $\vdash$ | t        |          |             | 71       | Н              | ヿ        | $\neg +$ | $\top$   | $\dagger$ | +      | $\top$ | +  |          |  | 121      | $\vdash$ | $\vdash$   | _        |          |          | -              | $\Box$          | $\neg$    | - |
|             | 22         |  |          |                   | _        |          |            |              | $\vdash$ | T        |          |             | 72       | $\Box$         | 寸        | 一十       | 十        | $\top$    | +      | +      | +-   | 1        |  | 122      | $\vdash$ | $\vdash$   |          |          |          |                |                 | $\dashv$  | _ |
| -           | 23         | _  | Н        |                   | т        |          | $\vdash$   | П            | $\vdash$ | 1        |          |             | 73       | Н              | 寸        | -        | 十        | $\dashv$  | ╈      | +      | ╁  |          |  | 123      | Н        | $\dashv$   | $\neg$   |          | _        | Н              | $\Box$          | ᅥ         |   |
|             | 24         |  | Н        |                   |          |          | Н          | Н            | $\vdash$ | H        | <b></b>  | <b>-</b>    | 74       |                | 7        | $\dashv$ | $^{+}$   | +         | +      | ╅      | 十一   | 1        |  | 124      | $\vdash$ | $\vdash$   | $\dashv$ |          | $\vdash$ | -              | $\vdash$        | ᅥ         | _ |
|             | 25         | $\vdash$   | Н        | -                 | $\neg$   |          | _          |              | $\vdash$ | t        | l        | $\vdash$    | 75       | H              | 7        | 十        | +        | _         | ╁      | +      | +  | <b> </b> |  | 125      | Н        | $\vdash$   | $\dashv$ | Н        |          | Н              | $\Box$          | $\dashv$  | _ |
|             | 26         | _  | Н        |                   |          |          |            |              | $\vdash$ | $\vdash$ | 1        | <b>-</b>    | 76       | $\vdash$       | _        | $\dashv$ | $\pm$    | +         | ╁      | +      | +  | 1        |  | 126      |          | $\exists$  | $\dashv$ |          |          | $\vdash$       | $\Box$          | $\dashv$  | _ |
| -           | 27         | H  | Н        |                   |          | -        | _          | Н            |          | $\vdash$ | 1        | _           | 77       | H              | $\dashv$ | -        | +        | +         | ╁      | ╅╴     | +-   | ł        |  | 127      | _        | $\vdash$   | $\neg$   | -        | -        | Н              |                 | 一         | _ |
| $\vdash$    | 28         | $\vdash$   | Н        |                   | _        |          | _          |              |          | _        |          |             | 78       | $\vdash$       | _        | _        | _        | $\dashv$  | ╅      | +-     | +  | 1        |  | 128      | $\vdash$ |  | $\neg$   | -        |          | $\vdash$       |                 | $\dashv$  |   |
|             | 29         | $\vdash$   | $\vdash$ |                   |          | _        | $\vdash$   | $\vdash$     | $\vdash$ | 1        | 1        | <u> </u>    | 79       |                | _        |          | _        | +         | +      | +      | +  | ł        | -  | 129      |          | $\vdash$   | $\dashv$ |          |          |                | $\vdash$        | $\dashv$  | _ |
|             | 30         | $\vdash$   |          |                   | -        | _        |            |              | -        | -        | 1        | <u> </u>    | 80       | $\Box$         | $\dashv$ | $\dashv$ | +        | 十         | +      | +      | +  | 1        |  | 130      | $\vdash$ | $\vdash$   | $\dashv$ | -        |          |                | $\Box$          | $\dashv$  |   |
| <u> </u>    | 31         | $\vdash$   | Н        |                   |          | Н        |            | Н            |          | 1        |          | <u> </u>    | 81       | 1              | -+       | $\dashv$ | +        | ╅         | ╈      | ╅      | +  | ł        |  | 131      | $\vdash$ | H  | $\neg$   | ·        | $\vdash$ | $\vdash$       | $\vdash$        | $\dashv$  | _ |
| <u> </u>    | 32         | -  | Н        | $\dashv$          | _        | Н        | $\vdash$   | Н            | ┢        | ╁╌       |          | <u> </u>    | 82       | 1 1            | 十        | $\dashv$ | 十        | +         | +      | +-     |  | 1        |  | 132      | $\vdash$ | $\vdash$   | $\dashv$ | -        |          |                | $\vdash$        | -         | _ |
| -           | 33         | -  | $\vdash$ |                   |          | _        | $\vdash$   |              | H        | ╁        |          |             | 83       | $\vdash$       | $\dashv$ | $\dashv$ | 十        | +         | +      | ╅      | +  | 1        | $\vdash$   | 133      | $\vdash$ | H  | _        |          |          |                | $\vdash$        | $\dashv$  |   |
| <u></u>     | 34         | $\vdash$   | Н        | $\dashv$          |          | -        | _          |              | $\vdash$ | $\vdash$ |          | -           | 84       | $\vdash$       |          | $\dashv$ | $\dashv$ | +         | +      | +      | +  |          |  | 134      | $\vdash$ | $\vdash$   | $\dashv$ |          | -        | -              | $\dashv$        | -         | _ |
| <b></b>     | 35         | $\vdash$   | $\vdash$ | $\dashv$          | -        | Н        | $\vdash$   | $\vdash$     |          | +-       |          | <del></del> | 85       | Н              | $\dashv$ | +        | $\dashv$ | +         | +      | +      | +  | <b> </b> |  | 135      | $\vdash$ | $\vdash$   |          | -        | $\vdash$ | $\vdash$       | $\vdash$        | $\dashv$  | _ |
| <b>-</b>    | 36         | <del>                                     </del> | Н        | $\dashv$          | -        | Н        | $\vdash$   | <del> </del> | -        | +-       | l        | $\vdash$    | 86       | H              | $\dashv$ | $\dashv$ | $\dashv$ | +         | ┿      | +      | +  | 1        |  | 136      | $\vdash$ | ┥  |          | -        |          | $\vdash$       | $\vdash$        | $\dashv$  |   |
| <u> </u>    | 37         | -  | Н        |                   | -        | $\vdash$ | $\vdash$   | $\vdash$     | ╁        | +-       | ı        | $\vdash$    | 87       | Н              | -        | $\dashv$ | $\dashv$ | +         | +-     | +      | ╁  | ł        |  | 137      | $\vdash$ | ┝╌┤  |          |          |          | $\vdash$       | ┢═┩             | $\dashv$  |   |
| <b>—</b>    | 38         | $\vdash$   | $\vdash$ |                   |          | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | l        |             | 88       | ┥              | $\dashv$ | $\dashv$ | +        | +         | +      | +-     | +  | tiiii    |  | 138      | $\vdash$ | $\vdash$   | -        |          | $\vdash$ | $\vdash$       | $\vdash$        | $\dashv$  | _ |
| <u></u>     | 39         | $\vdash$   | Н        | $\dashv$          | $\vdash$ | $\vdash$ | $\vdash$   | _            | $\vdash$ | +        | 1        |             | 89       | $\vdash$       | $\dashv$ | $\dashv$ | +        | +         | +      | +      | +  | 1        |  | 139      | Н        | Н  | $\dashv$ |          | $\vdash$ | _              | $\vdash$        | $\dashv$  | - |
| $\vdash$    | 40         | ╁  | Н        | $\vdash$          |          | $\vdash$ | H          | -            | ┢        | $\vdash$ | 1        | -           | 90       | $\vdash$       | $\dashv$ | $\dashv$ | +        | +         | +      | +      | ┿  | 1        | <del>                                     </del> | 140      |          | $\vdash$   | $\dashv$ |          | Н        | $\vdash$       | ┌┤              | $\dashv$  |   |
| $\vdash$    | 41         | $\vdash$   | $\vdash$ |                   |          | $\vdash$ |            | -            | $\vdash$ | $\vdash$ | 1        |             | 91       | ╁╌┼            | $\dashv$ | $\dashv$ | +        | +         | +-     | +      | +-   | tiiii    | <u> </u>   | 141      | 1        | $\vdash \dashv$                                  | -        |          | Н        | $\vdash$       | ┌┤              | $\dashv$  |   |
| <b>-</b>    | 42         | $\vdash$   | $\vdash$ |                   |          | -        | -          | -            | $\vdash$ | $\vdash$ | ł        |             | 92       | H              | $\dashv$ | $\dashv$ | +        | +         | +      | +-     | +  | t        | <del> </del>                                     | 142      | -        | <del>                                     </del> |          | -        | Н        | $\vdash$       | ┝╾┤             | -         | _ |
| <u> </u>    | 43         | $\vdash$   | Н        |                   | -        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |          |             | 93       | H              | ┪        | $\dashv$ | +        | +         | +      | +      | +  | ł        |  | 143      | H        | $\vdash$   | $\dashv$ |          | $\vdash$ | -              | ┟╼┼             | $\dashv$  |   |
| <u></u>     | 44         | ┢  | H        | $\dashv$          |          | -        | $\vdash$   | -            | -        | $\vdash$ | <b> </b> | $\vdash$    | 94       | Н              | -        | $\dashv$ | +        | +         | +      | +      | +-   | liii     | <u> </u>   | 144      | $\vdash$ | $\vdash$   | -        |          | Н        | <del>  -</del> | $\vdash$        | $\dashv$  |   |
| $\vdash$    | 45         | $\vdash$   | Н        | $\vdash$          | _        | $\vdash$ | $\vdash$   | $\vdash$     | ╁        | $\vdash$ | 1        |             | 95       | Н              | $\dashv$ | $\dashv$ | ╅        | +         | +      | +-     | +  | liii     | <del>                                     </del> | 145      | ┰        |  | -        | -        | -        | $\vdash$       | $\vdash$        | -         | _ |
|             | 46         | -  | $\vdash$ |                   |          | Н        | $\vdash$   | <del> </del> | -        | +-       | 1        | <del></del> | 96       | $\vdash$       | $\dashv$ | +        | +        | +         | +      | +      | +  | ┨        | <del></del>                                      | 146      | $\vdash$ | $\vdash$   | -        |          | Н        | $\vdash$       | $\vdash\vdash$  | $\dashv$  |   |
| $\vdash$    | 47         | $\vdash$   | $\vdash$ |                   |          | Н        | H          | $\vdash$     | $\vdash$ | $\vdash$ | 1        | -           | 97       | <del>   </del> | -        | +        | ┰        | +         | +      | +      | +  | ł        |  | 147      | $\vdash$ | H  |          |          | $\dashv$ | $\vdash$       | $\vdash \vdash$ | $\dashv$  | _ |
| <del></del> | 48         | -  |          | $\dashv$          | _        | Н        | $\vdash$   | $\vdash$     | ⊢        | +-       |          | $\vdash$    | 98       | ┥              | +        | +        | +        | +         | +      | +      | +  |          | <b></b> -  | 147      | $\vdash$ | $\vdash$   |          | H        |          | -              | ⊣               | $\dashv$  |   |
| <u> </u>    | 49         | <u> </u>   | $\vdash$ |                   |          | $\vdash$ | $\vdash$   | $\vdash$     | ├        | +        |          | <u> </u>    | 99       | ⊢┤             | -+       |          | +        |           | +      | +      | ╁  |          |  | 149      | -        | $\dashv$   | -        |          |          | -              | $\dashv$        | -         | _ |
| -           | 50         | -  | Н        |                   | -        | $\vdash$ | Н          |              | ⊢        | ┼-       |          | <u> </u>    | 100      | H              | -        |          | -+-      |           | +      | +-     | +-   | ł        | <del> </del>                                     | 150      | $\vdash$ | $\vdash \vdash$                                  |          | $\vdash$ | $\dashv$ | $\vdash$       | $\vdash$        |           | _ |
|             | ) ÚU       |  |          | $oldsymbol{\bot}$ | :        | لــا     |            |              |          | _        | J:::::   |             | LIUU     |                | _1       | i_       |          | L_        |        |        |  | ]:::::   | I  | 100      | 1        |  |          |          |          | I .l           | 1 - 1           |           | _ |